

February 9, 2004

**Project 184 Weekly Update**  
**Website: [www.project184.org](http://www.project184.org)**

Summary of Environmental Planning and Compliance Activities  
For Project 184  
*Week Ending February 13, 2004*

**Lake Aloha Dam Maintenance and Telemetry Station Project**

EN2 Resources finalized and submitted the Administrative Final Initial Study and Proposed Mitigated Negative Declaration (IS/MND) to the District on February 2 for a 2-week review. The IS/Proposed MND will satisfy the District's CEQA requirements and will be released for a 30-day public and agency review period in late February.

**Project 184 Relicensing**

EN2 Resources assisted M. Korkowski and R. Floch with developing proposed timelines for Project 184 CIP and other repair, improvement and maintenance projects for activities planned through 2008. The timelines are being compiled into an overall schedule that will be used to brief the Ecological Resources Committee on the timing and scope of Project 184 activities at the meeting scheduled for February 17, 2004.

**Ecological Resources Committee meeting planned for February 17, 2004 Meeting @ 9:00 a.m.**

EID has tentatively scheduled February 17<sup>th</sup>, for our next meeting, pending confirmation by ERC members. The proposed agenda was prepared and distributed to ERC members for comment on January 22, 2004.

SWPPP measures are in place and inspections are being performed as required.

**A meeting is scheduled with the USFS and CDF&G on February 11, 2004, at 1:30 at the top of the camp 2 shortcut road. EID would like to reopen this road for dry conditioned access.**

**Powerhouse Update:**

EID is operating the powerhouse units 1 and or 2 depending on water supply. Currently we are operating at least one unit 24 hours a day, while we perform further testing. Erosion control measures have been completed along the powerhouse access road. An emergency Knox box has been installed on the powerhouse gate to allow emergency vehicles access to the powerhouse.

### **Canal**

The flows in the canal are being regulated by A-12 requirements for minimum fish flows. Current flows in canal are ranging between 35-45cfs. The canal is being patrolled on a daily basis and there have been no major problems found which would prevent the canal to be filled to its capacity. SCADA is being manned 24 hours a day to insure the reliable and safe operation of the canal. Further automation of the diversion Structure is planned to control A-12 (Fish Release's) and A-11 (canal flows).

EID was unable to inspect the Alder and Plum creek siphon during the outage due to possible ice with in the siphons.

EID is continually working on its automation to control the diversion structure at the intake to regulate the float controller to allow EID to satisfy the A-12 minimum flow requirements, and place balance of water in canal at A-11. This will allow EID to operate with much tighter flows, maximizing generation production. Mead & Hunt continues to provide engineering support on the remaining tasks to be completed at intake. Deviations may occur during testing of this facility in the month of February.

The residence houses located on the canal have been filled by Camp #5 Hydro employees who will insure the reliable and safe operation of the canal.

The Drill rig has completed all works on Slide located between Flumes 6&7. Horizontal drains have been installed to relieve the water pressure against the canal section. EID has also installed a well point to allow monitoring of the water table in this area. Drains have been installed to transport the drain water from the slide area down the hill 260ft. EID is scheduled to have this area matted and SWPPP measures installed for winter by January 15, 2004.

It was determined by Carlton Engineering that additional vertical drilling would need to be done on the Canal Bench to measure water levels with in the berm. This will be accomplished using a small hand held unit. The District proposes to accomplish the drilling in the next 30 days. Depending on weather the District plans on finishing the vertical drilling on Feb.10, 2004.

EID is in the preliminary stages of beginning work on the Hazel Creek Tunnel. Access road and site clearing is scheduled to begin February 9, 2004, with burning of brush scheduled to be completed by March 31, 2004. This project is expected to be in progress February 9 though October 31, 2004 at which time EID expects to be completed. Direct any questions on Hazel Creek Tunnel to Dan Downey the project manager.

EID has received all its project signs and will be installing these new EID signs throughout our Project 184. The lakes will receive new signage this spring when the snow melts.

### **Tributary flows:**

Esmeralda and Ogilby are not being utilized in canal, as of this report; however if bypass flows are above minimums EID will utilize the water as needed.

#### **Echo Lake**

The flashboards have been removed from the spillway and the facilities have been winterized.

#### **Caples Lake**

The flashboards have been removed from the spillway and the facilities have been winterized.

#### **Silver Lake**

The radial gates are in the full open position and will remain this way From November 1 to April 1 inclusive. Facilities have been winterized.

#### **Lake Aloha**

Lake Aloha is shut down for the winter, which is the normal operating pattern.

A visit was made October 29, 2003 to Lake Aloha.

Staff 5.64 = 29.5 AF

A trip was made to Pyramid Creek (A-40) on January 29, Staff Reading 1.72=12.9cfs.

A trip was made to Echo Lake the week of January 19<sup>th</sup> but readings could not be taken due to the amount of snow on the staff. Everything appears to be normal.

**Listed below are the Projects readings for February 9, 2004  
Taken from SCADA:**

	<b>Staff</b>	<b>Ac. Ft.</b>	<b>Draft</b>
Echo Lake	0	0	0
Echo Conduit	0	0	0
Echo Creek	0		0
Caples Lake	40.95	10,791	23.2 cfs
Silver Lake	3.22	855	11.7 cfs
Pyramid Creek	0	0	0

There is 37.0 cfs @ A-11cfs being released into the canal at Intake and 63.1 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3792.51 = 212 AF

A-18 EID Irrigation Usage is .41 = 4.85cfs.

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